

**Beginning Algebra Student Edition Package**

Includes: Student Edition, Chapter Test Prep Video CD, and MathXL CD. Martin-Gay's focus on the student shapes her clear writing, inspires her constant pedagogical innovations, & contributes to the popularity and effectiveness of her video resources.

This revision of Martin-Gay's algebra series continues her focus on students and what they need to be successful. Martin-Gay also strives to provide the highest level of instructor and adjunct support.

Contract Price

\$89.97

Grade

8, 9, 10, 11, 12

TYPE

P1

Copyright

2009

Author

Martin-Gay

Edition

5th

Content

Algebra 1

Readability

10.1 Dale-Chall

Accessibility

none

Research

| Teacher Edition   |            |
|---|------------|
| 0136007031  | \$89.97    |
| Beginning Algebra Annotated Instructor's Edition  |            |
| Essential Items   |            |
| 0131355171  | \$14.97    |
| Beginning Algebra Chapter Test Prep Video CD  |            |
| 0132450194  | \$20.00    |
| Beginning Algebra MathXL CD   |            |
| 0131355155  | \$89.97    |
| Beginning Algebra Student Edition   |            |
| Ancillary Items   |            |
| 0132391236  | \$1,200.00 |
| Beginning Algebra - MathXL 100-Pack   |            |
| 0132391228  | \$300.00   |
| Beginning Algebra - MathXL 25-Pack  |            |
| Free with Purchase items  |            |
| 0132357046  | \$49.97    |
| Beginning Algebra - Instructor's Resource Kit   |            |
| Free upon request, 1 per Teacher User, with a minimum purchase of 25 Student Editions         |            |
| 0136019501  | \$23.97    |
| Beginning Algebra - Interactive Lecture, CD Series  |            |
| Choice of CD-ROM or DVD: Free upon request, 1 per Teacher User, with a minimum purchase of 25 |            |
| 0136031080  | \$18.97    |
| Beginning Algebra - Student Solutions Manual  |            |
| Free upon request, 1 per Teacher User, with a minimum purchase of 25 Student Editions         |            |
| 0136031102  | \$18.97    |
| Beginning Algebra - Instructor's Solutions Manual   |            |
| Free upon request, 1 per Teacher User, with a minimum purchase of 25 Student Editions         |            |
| 0136031110  | \$18.97    |
| Beginning Algebra - Instructor's Resource Manual  |            |
| Free upon request, 1 per Teacher User, with a minimum purchase of 25 Student Editions         |            |
| 0136031145  | \$29.47    |
| Beginning Algebra - Worksheets  |            |
| Free upon request, 1 per Teacher User, with a minimum purchase of 25 Student Editions         |            |
| 0137144148  | \$49.97    |
| Beginning Algebra - TestGen   |            |
| Free upon request, 1 per Teacher User, with a minimum purchase of 25 Student Editions         |            |
| 013601464X  | \$23.97    |
| Beginning Algebra - Interactive Lecture, DVD Series   |            |
| Choice of CD-ROM or DVD: Free upon request, 1 per Teacher User, with a minimum purchase of 25 |            |

Evaluation Tool for Basal Instructional Materials  
Mathematics (2009 – 2015)

|  |   |   |                               |                           |
|--|---|---|-------------------------------|---------------------------|
| Provided by the Publisher                          | <b>ISBN</b> 0131355155                            | <b>Publisher - Pearson Education, Inc., publishing as Prentice Hall</b> |                               | Provided by the Publisher |
|  | <b>Beginnning Algebra Student Edition Package</b> |   |                               |                           |
|  | Type - P1   | Author - Martin-Gay   |                               |                           |
|  | Copyright - 2009                                  | Edition - 5th   | Readability - 10.1 Dale-Chall |                           |
|  | Course - Algebra 1                                |   | Grade(s) - 8, 9, 10, 11, 12   |                           |
| Teacher Edition ISBN if applicable .....0136007031 |   |   |                               |                           |

|  |   |
|--|---|
| <b>Overall Recommendation:</b>   | <b>Recommended as BASAL</b>   |
| <b>Overall Strengths, Weaknesses, Comments:</b>  | if this box is not checked, the evaluators have chosen NOT recommend as basal |
| <p><b>Text is written for college students –</b><br/>         Reading level is high<br/>         Lacks support for diverse learners<br/>         Great applications and content flow</p> |   |

NIMAC Accessibility      NONE  
 Ancillary                      Yes  
 Free with Purchase        Yes  
 Research                      No

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### CRITERIA

This basal resource ...

|   |                          |
|---|--------------------------|
| <b>A. Encompasses KY Content Standards &amp; Grade Level Expectations</b>                                   | <b>Moderate Evidence</b> |
| Text is designed to be used in an elective course outside the Program of Studies                            |                          |
| <b>1) Includes the 5 Big Ideas of mathematics to the following extent:</b>                                  |                          |
| <b>a) Number Properties and Operations</b>  | Moderate Evidence        |
| <b>b) Measurement</b>   | Little or No Evidence    |
| <b>c) Geometry</b>  | Not Applicable           |
| <b>d) Data Analysis and Probability</b>   | Not Applicable           |
| <b>e) Algebraic Thinking</b>  | Strong Evidence          |
| <b>2) Addresses content-specific enduring understandings from the related Program of Studies standards.</b> | Strong Evidence          |
| <b>3) Addresses content-specific skills and concepts from the related</b>                                   | Strong Evidence          |

|  |                              |
|--|------------------------------|
| <b>Program of Studies standards.</b>   |                              |
| <b>4) Content addressed is current, relevant and non-trivial</b>   | Strong Evidence              |
| <b>5) Provides opportunities for critical thinking/reasoning</b>   | Strong Evidence              |
| <b>6) Strengths, Weaknesses, Comments:</b> <ul style="list-style-type: none"> <li>Specific strengths-which areas/concepts are covered exceptionally well?</li> <li>Specific weaknesses-which areas/concepts would likely require supplementing?</li> </ul> <p>Strengths:<br/>Strong problem solving strategies with large problem base<br/>Content flows as a cohesive unit<br/>Weaknesses<br/>No probability and statistics</p>   |                              |
| <b>B. Functionality &amp; Suitability</b>  | <b>Moderate Evidence</b>     |
| <b>1) Suitability</b>  | <b>Moderate Evidence</b>     |
| <ul style="list-style-type: none"> <li>Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind.</li> </ul>  |                              |
| <b>2) Content quality</b>  | <b>Strong Evidence</b>       |
| <ul style="list-style-type: none"> <li>Free from factual errors</li> <li>Content is presented conceptually when possible—more than a mere collection of facts</li> <li>Content included accurately represents the knowledge base of the discipline</li> <li>Theories/scientific models contained represent a broad consensus of the scientific community</li> <li>Interconnections among mathematical topics</li> </ul>  |                              |
| <b>3) Connections to Literacy</b>  | <b>Little or No Evidence</b> |
| <ul style="list-style-type: none"> <li>Employs a variety of reading levels and is grade/level appropriate</li> <li>Use of multiple representations-concrete, visual/spatial, graphs, charts, etc.</li> <li>Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles.</li> <li>Student text provides opportunity to integrate reading and writing</li> <li>Uses vocabulary that is age and content appropriate</li> <li>Focuses on critical vocabulary vs. extensive lists</li> <li>Identifies key vocabulary through definitions in both text and glossary</li> <li>The text is engaging and facilitates learning</li> <li>Embedded activities enhance the understanding of the text</li> </ul> <p><i>Note: may apply to either student or teacher editions</i></p> |                              |
| <b>4) Connections to Technology</b>  | <b>Moderate Evidence</b>     |
| <ul style="list-style-type: none"> <li>Integrates technology and reflects the impact of technological advances</li> <li>Uses technology in the collection and/or manipulation of authentic data</li> <li>Embeds web links as a mathematics resource.</li> </ul>  |                              |

## 5) Support for Diverse Learners

Moderate Evidence

- Provides support for ESL students
- Provides support for differentiation of instruction in diverse classrooms
- Challenge for gifted and talented students
- Support for students with learning difficulties

*Note: may apply to either student or teacher editions*

## 6) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Strengths:

Video to accompany chapters

Interactive CD with problems, hints and solutions

Large number of problems including reviews

Weaknesses:

Reading level inappropriate for large portion of students

Writing is not incorporated

Students are not required to communicate higher level thinking skills

## C. Supports Inquiry and Skill Development

Moderate Evidence

### 1) Promotes Inquiry, research and Application of Learning

Moderate Evidence

- Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning.
- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing, justifying, etc.)
- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.

*Note: may apply to either teacher or student edition*

### 2) Skill Development

Moderate Evidence

- Provides opportunities to make sense of all mathematics
- Provides opportunities to recognize, create, and extend patterns.
- Provides opportunities for critical thinking and reasoning.
- Provides opportunities to justify/prove responses.
- Provides opportunities to ask deeper questions.
- Contains embedded activities (or extensions) that emphasize use of technology for problem

solving

*Note: may apply to either teacher or student edition*

### 3) Strengths, Weaknesses, Comments:

Strengths:

Strong use of higher level cognitive skills

Weaknesses:

Lacks opportunities to prove or justify

Lacks projects

No ESL materials

## D. Supports Best Practices of Teaching and Learning

Moderate Evidence

### 1) Engages Students

Moderate Evidence

- Includes content geared to the needs, interests, and abilities of all students
- Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
- Activities are truly congruent to the concepts addressed, not merely correlated

*Note: may apply to either teacher or student edition*

### 2) Uses Assessment to Inform Instruction

Little or No Evidence

- Includes multiple means of assessment as an integral part of instruction
- Provides evaluation measures in the teacher edition that supports differentiated learning activities
- Embedded assessments reflect a variety of Depth of Knowledge levels

*Note: may apply to either teacher or student edition*

### 3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

Strengths:

Real life applications

Weaknesses:

TE does not support differentiated learning activities

TE is student book with answers

## E. Has an Organization/ Format that Supports Learning and Teaching

Moderate Evidence

### 1) Organizational Quality

Moderate Evidence

- Print and/or electronic materials present minimal barriers to learners, but also add encouragement for students to stretch and make further explorations.
- Presents chapters/lessons in an organized and logical sequence

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- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual manipulatives) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit
- Construction appears to be durable and able to withstand normal use

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**2) Essential Components (beyond student and teacher text)**

Strong Evidence

- Items identified as essential components support the learning goals and concept coverage of the basal

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**3) Strengths, Weaknesses, Comments:**

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Strengths:

Clearly stated objectives

CD resources provide interactive practice

Problem illustrations are clear and precise

Weaknesses:

No glossary

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**F. Has available Ancillary/ Gratis Materials**

*Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F*

Moderate Evidence

**1) Ancillary/Gratis Materials**

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving
- Provides opportunities for intervention.

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**2) Strengths, Weaknesses, Comments:**

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Student solution manual provided

Multiple version of texts

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